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NEWS 2	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS 3	JUN 06	KOREAPAT updated with 41,000 documents
NEWS 4	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 5	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS 6	JUN 25	CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 7	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 8	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS 9	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS 10	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS 11	JUL 28	CA/CAplus patent coverage enhanced
NEWS 12	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 13	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 14	JUL 28	STN Viewer performance improved
NEWS 15	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 16	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 17	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 18	AUG 15	CAplus currency for Korean patents enhanced
NEWS 19	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 20	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 21	SEP 25	CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 22	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 23	SEP 29	IFICLS enhanced with new super search field
NEWS 24	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS 25	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS 26	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS 27	OCT 07	Multiple databases enhanced for more flexible patent number searching

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 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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FILE 'HOME' ENTERED AT 15:51:17 ON 14 OCT 2008

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

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STRUCTURE FILE UPDATES:   12 OCT 2008  HIGHEST RN 1060442-20-7
DICTIONARY FILE UPDATES:  12 OCT 2008  HIGHEST RN 1060442-20-7

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=>
Uploading C:\Program Files\Stnexp\Queries\10593851_2nd_action.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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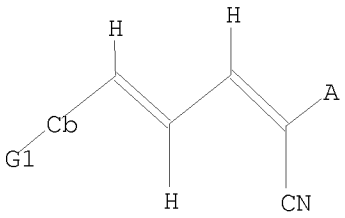

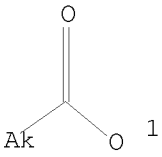

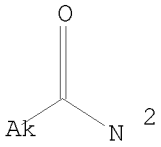

G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

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=> s l1
SAMPLE SEARCH INITIATED 15:51:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      232 TO ITERATE

100.0% PROCESSED      232 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         3727 TO     5553
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:51:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     4269 TO ITERATE

100.0% PROCESSED     4269 ITERATIONS                                6 ANSWERS
SEARCH TIME: 00.00.01

L3            6 SEA SSS FUL L1

=> d l3 scan

L3   6 ANSWERS   REGISTRY  COPYRIGHT 2008 ACS on STN
IN   2,4-Pentadienamide, 5-[2,5-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-
     , (2E,4E)-
MF   C23 H20 N2 O5
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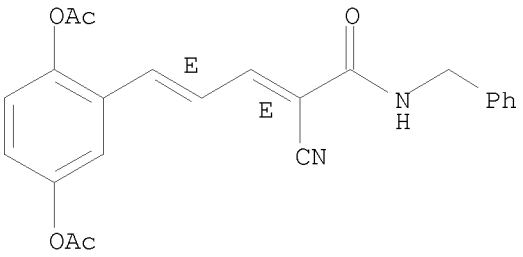
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 178.36 | 178.57

FILE 'CAPLUS' ENTERED AT 15:52:19 ON 14 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 14 Oct 2008 VOL 149 ISS 16
FILE LAST UPDATED: 12 Oct 2008 (20081012/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l3
L4 3 L3

=> d l4 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:232306 CAPLUS
DOCUMENT NUMBER: 144:292410
TITLE: Conjugated arylalkenyl nitriles as modulators of abnormal cell proliferation, their preparation,

pharmaceutical compositions, and use in therapy

INVENTOR(S): Roifman, Chaim; Demin, Peter; Rounova, Olga; Grunberger, Tom

PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.

SOURCE: U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060058297	A1	20060316	US 2004-940009	20040914
CA 2580601	A1	20060323	CA 2005-2580601	20050914
WO 2006029515	A1	20060323	WO 2005-CA1394	20050914
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1797064	A1	20070620	EP 2005-786685	20050914
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				

PRIORITY APPLN. INFO.: US 2004-940009 A 20040914
WO 2005-CA1394 W 20050914

OTHER SOURCE(S): CASREACT 144:292410; MARPAT 144:292410

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to conjugated nitriles I and II, which are modulators of abnormal cell proliferation, including cancer. In compds. I and II; X is H or halo; R1, R2, and R3 are independently selected from H, OH, C1-6 alkyl, C1-6 alkoxy, C2-7 acyloxy, NH2, C1-6 alkylamino, etc.; R4 is C(O)R5, C(S)R5, SO2-aryl, NH2, NH-C1-6 alkyl, etc.; R5 is OH, NH2, C1-6 alkoxy, aryloxy, arylamino, aryl-C1-6 alkyl-amino, C1-6 alkyl, etc.; A is a bond or ethenylene; B is a bond, phenylene, or pyridinylene; and Ar is Ph, pyridinyl, pyrazinyl, pyrimidinyl, imidazolyl, furyl, or thienyl, optionally substituted with 1-4 substituents; provided that when A is ethenylene, X is H. The invention also relates to the preparation of I and II, pharmaceutical compns. comprising a compound I or II, together with a pharmaceutically acceptable carrier, as well as to the use of the compns. for modulating abnormal cell proliferation, including cancer. Amidation of Me cyanoacetate with veratrylamine (3,4-dimethoxybenzylamine) and demethylation gave cyanoacetamide III, which underwent Knoevenagel condensation with (Z)-IV, resulting in the formation of (E,Z)-arylalkenyl nitrile V. The compds. of the invention are modulators of abnormal cell proliferation, e.g., compound V expresses an IC50 value of less than 125 nM towards Z119 acute lymphoblastic leukemia cells.

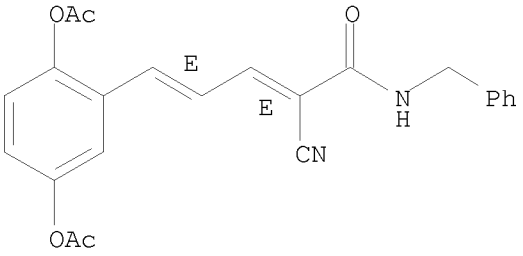
IT 878795-71-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(drug candidate; preparation of conjugated arylalkenyl nitriles as abnormal cell proliferation modulators)

RN 878795-71-2 CAPLUS

CN 2,4-Pentadienamide, 5-[2,5-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1075808 CAPLUS

DOCUMENT NUMBER: 143:346899

TITLE: Preparation of styrylacrylonitrile derivatives as modulators of cell proliferation

INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Freywald, Andrew; Grunberger, Thomas; Rounova, Olga; Sharfe, Nigel

PATENT ASSIGNEE(S): HSC Research and Development Limited Partnership, Can.

SOURCE: PCT Int. Appl., 181 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

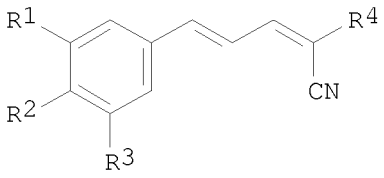
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2005092904	A1	20051006	WO 2005-CA423		20050322
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2560584	A1	20051006	CA 2005-2560584		20050322
EP 1727822	A1	20061206	EP 2005-729066		20050322
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
JP 2007530455	T	20071101	JP 2007-504223		20050322
US 20070243612	A1	20071018	US 2007-593851		20070522
PRIORITY APPLN. INFO.:			US 2004-556972P	P	20040326
			US 2005-649211P	P	20050202
			WO 2005-CA423	W	20050322

OTHER SOURCE(S): CASREACT 143:346899; MARPAT 143:346899

GI



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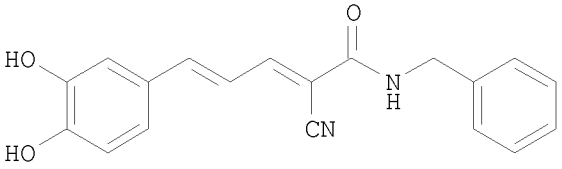


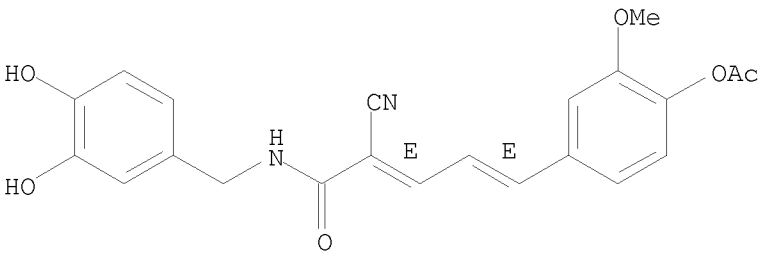
II

AB Title compds. I [R1 and R2 independently = H, OH, alkoxy, etc.; R3 = H, NH2, SH, etc.; R4 = NH2, NH-alkyl, P(O)(OH)2, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as modulators of cell proliferation. Thus, e.g., II was prepared by amidation of Me cyanoacetate with benzylamine followed by coupling with 3,4-dimethoxycinnamaldehyde (preparation given) and subsequent demethylation. The activity of II towards killing of Ly-MN cells was evaluated and it was found that it significantly inhibited cell proliferation and survival at nanomolar doses, and effected a inhibition by 2.5 μM. I as modulator of cell proliferation should prove useful in the treatment of a variety of cancers such as leukemia and lymphoma. Pharmaceutical compns. comprising I are disclosed.

IT 866031-29-0P 866032-89-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of styrylacrylonitrile derivs. as modulators of cell proliferation)

RN 866031-29-0 CAPLUS
CN 2,4-Pentadienamide, 5-[4-(acetyloxy)-3-methoxyphenyl]-2-cyano-N-[(3,4-dihydroxyphenyl)methyl]-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 866032-89-5 CAPLUS
CN 2,4-Pentadienamide, 5-[3,4-bis(acetyloxy)phenyl]-2-cyano-N-(phenylmethyl)-, (2E,4E)- (CA INDEX NAME)

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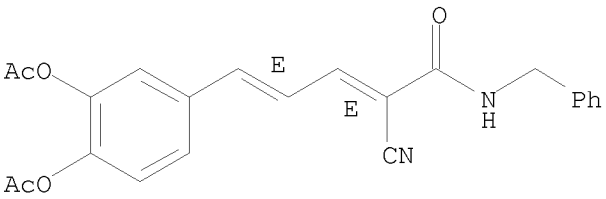

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:120874 CAPLUS
DOCUMENT NUMBER: 142:197698
TITLE: Preparation of arylcyanopentadienoates as modulators of cell proliferation
INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Rounova, Olga; Grunberger, Thomas; Cimpean, Octavian Laurand
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012234	A1	20050210	WO 2004-CA1431	20040730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2533287	A1	20050210	CA 2004-2533287	20040730
EP 1654220	A1	20060510	EP 2004-738022	20040730
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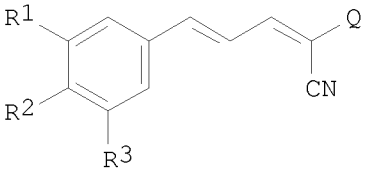
US 20070197660	A1	20070823	US 2006-566815	20061204
PRIORITY APPLN. INFO.:			US 2003-491109P	P 20030730
			WO 2004-CA1431	W 20040730

OTHER SOURCE(S): CASREACT 142:197698; MARPAT 142:197698
GI



I

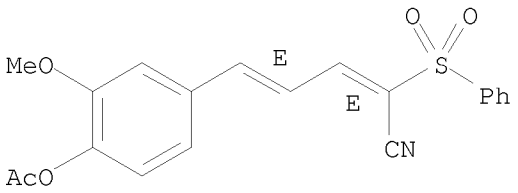
AB Title compds. [I; Q = CO2XR4, SO2R5; R1, R2, R3 = H, OH, alkyl, alkoxy, alkylcarbonyloxy, amino, alkylcarbonylamino, SH, alkylthio, NO2, CF2, OCF3, halo, etc.; R4 = (substituted) aryl; R5 = alkyl, (substituted) Ph, pyridyl; X = (CH2CH2O)n, (CH2)n; n = 1-4; with provisos], were prepared Thus, 2-(4-chlorobenzenesulfonyl)-5-(3,4-dihydroxyphenyl)penta-2E,4E-dienenitrile (CRVIII-51) (preparation via Knoevenagel reaction outlined) killed Z119 acute lymphoblastic leukemia cells with IC50 = 0.23 μM.

IT 838853-66-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of arylcyanopentadienoates as modulators of cell proliferation)

RN 838853-66-0 CAPLUS

CN 2,4-Pentadienenitrile, 5-[4-(acetyloxy)-3-methoxyphenyl]-2-(phenylsulfonyl)-, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT